



CONNEC
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PLUS

Primary 4 Activity Book

Term 1



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LET'S REMEMBER!

LESSON 1



1 Look and complete. Then listen and check.



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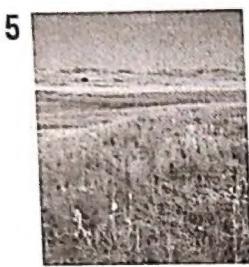
c _____



l _____



t _____



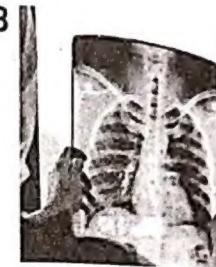
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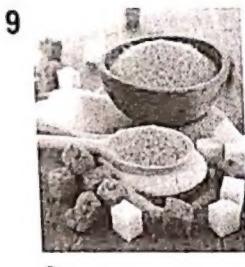
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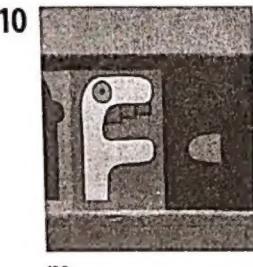
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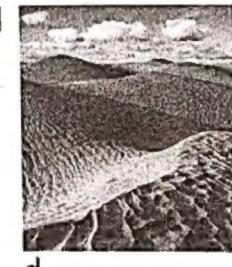
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s _____



m _____



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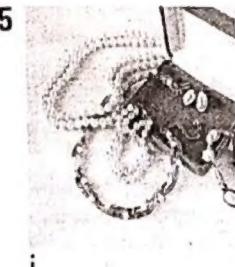
k _____



a _____



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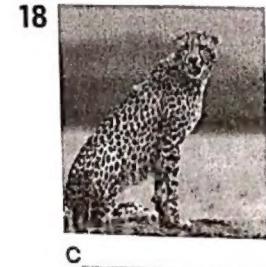
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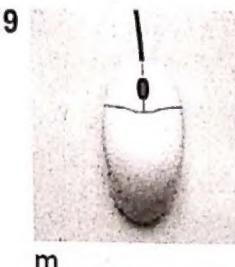
t _____



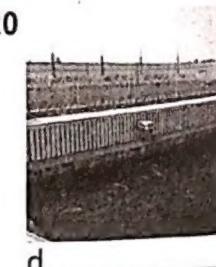
2 s _____



c _____



m _____



d _____

LESSON 1



2 Read and match

- 1 Did Amir use to play boardgames?
- 2 How many books are on the shelf?
- 3 Is there enough paper in the printer?
- 4 If I drop this plastic cup, will it break?
- 5 How far can she swim?
- 6 Has Tarek ever been to the desert?

- a There are four.
- b No, there isn't.
- c 100 meters.
- d Yes, he did.
- e Yes, he has.
- f No, it won't.



3 Read and circle the correct words

- 1 You shouldn't eat too much **sugar** / salad.
- 2 Veins carry blood **away from** / **to** the heart.
- 3 Triplets are three **sisters** / **siblings**.
- 4 A **copy editor** / **designer** checks the story before it is printed.
- 5 The body absorbs **saliva** / **nutrients** from our food.
- 6 A magnet will pick up **wooden** / **metal** objects.
- 7 Artists use shading to make a picture look **three-dimensional** / **flat**.
- 8 The North Pole is **hotter** / **colder** than the Equator.



4 Read and complete for you

- 1 At home, I must _____
- 2 At school, I must _____
- 3 I've never _____
- 4 Next weekend, I'm going to _____

LESSON 2

1



Listen and complete

aren't made has to If mustn't never was used won't work written

- 1 You mustn't throw balls in the classroom.
- 2 I've drunk apple tea.
- 3 If you freeze water, it becomes ice.
- 4 Printers are made of cotton and paper.
- 5 Dad has to go to the hospital for a/an operation.
- 6 The telegraph was used for sending Morse code.
- 7 If you don't press this button, the printer won't work.
- 8 A caption is written under a photograph.

2



Read and write

-article- diet grow minerals protein much toxins carbohydrate

Amira: Thank you for helping me write my **1** article for the school website about being healthy. How **2** water should we drink every day?

Mrs Hala: Between one and two liters a day. Water helps your body get rid of **3**. If you get dehydrated, you feel tired and you can get a headache.

Amira: And what is a healthy **4**? Why are fruit and vegetables healthy?

Mrs Hala: Fruit and vegetables are full of vitamins and **5**. You should eat some fruit and vegetables every day.

Amira: How often should we eat protein?

Mrs Hala: We should eat protein every day. We need protein to help us **6**.

Amira: Is there protein in rice?

Mrs Hala: No, there isn't. Rice is a **7** like potatoes, pasta and bread. They give us energy. There's **8** in fish, meat and cheese.

Amira: Thank you for your help. I'm going to start writing now.

LESSON 2

PHONICS



3 Write and match

ar

-c-

er

mp

nd

oo

ous

ture

1 _c_ity



2 pol_ _ bear



3 hu_ _



4 wat_ _



5 sculp_ _



6 f_ _d



7 wetla_ _



8 danger_ _



4 Circle the word with a different sound. Listen and check

1 audio	musical	vehicle
2 draw	straw	swamp
3 nutrition	dangerous	digestion
4 fiction	race	city
5 food	tent	mood
6 nervous	enormous	acacia
7 see	river	sea
8 nervous	bandage	village

**UNIT
1**

WHAT CAN I DO?

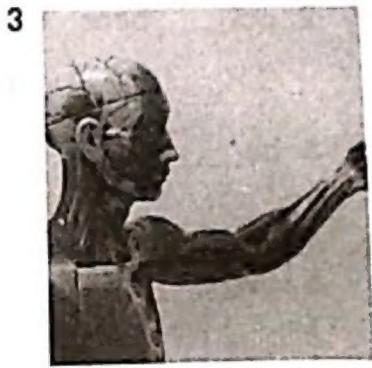
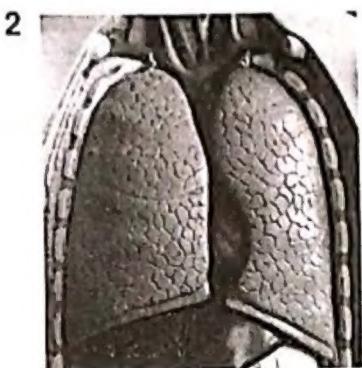
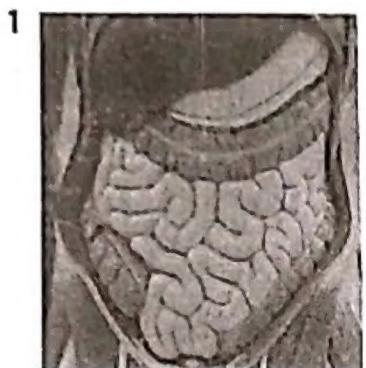
LESSON 1

MY BODY



1 Match and write

bones and muscles -digestive system- respiratory system



digestive system



2 Read and complete

blood heart lungs muscles skeleton swallow stomach

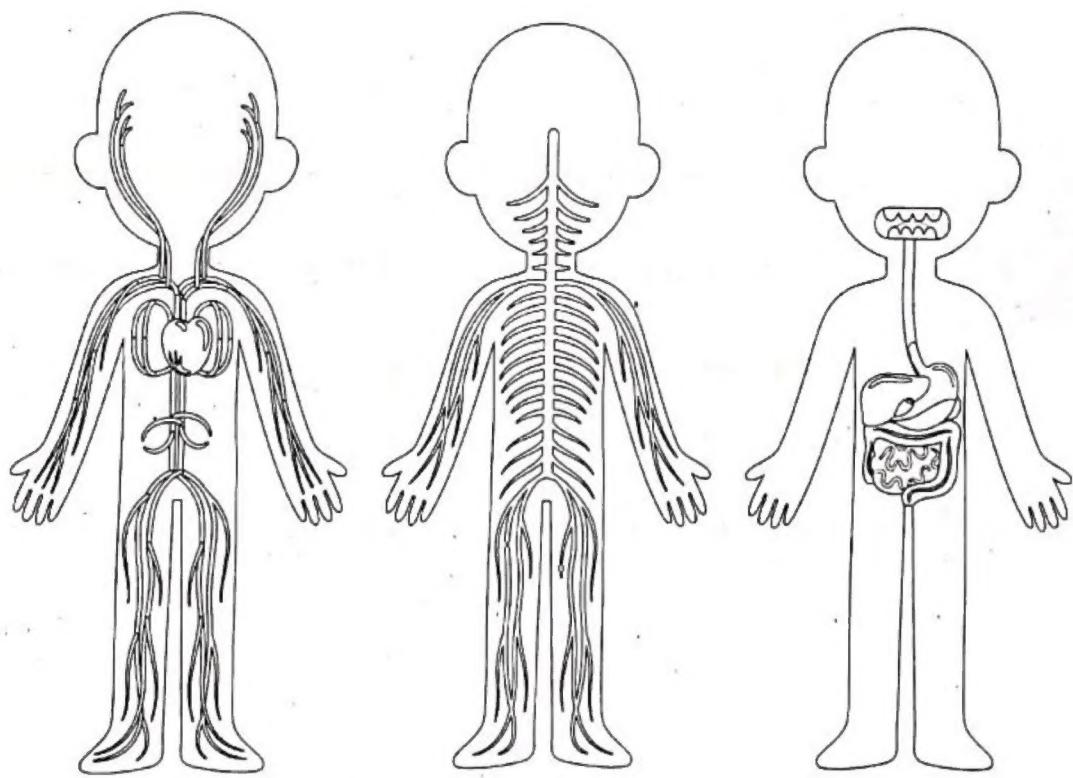
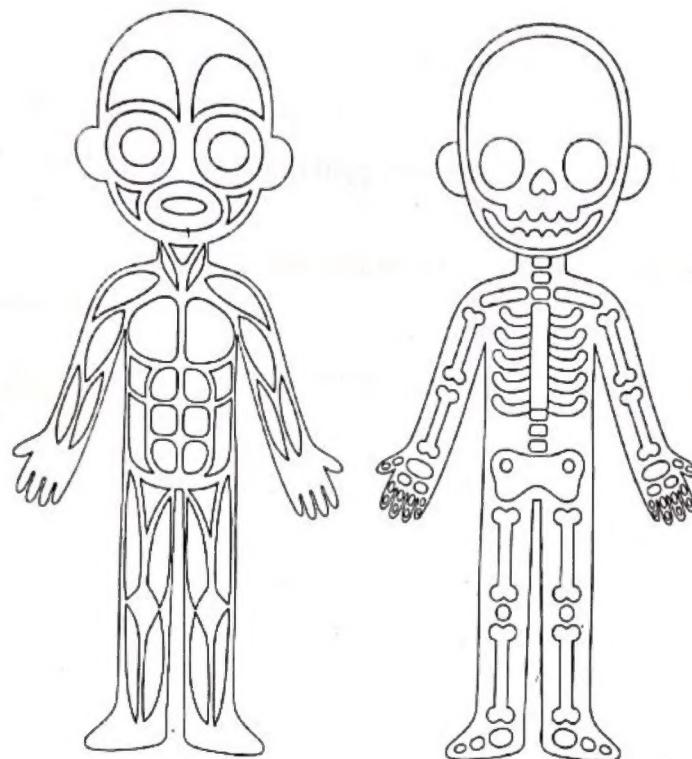
- 1 When we eat, we chew and swallow our food.
- 2 A liquid changes the food in our stomach into energy and nutrients.
- 3 We breathe air through our nose into our lungs.
- 4 The oxygen in our lungs is passed to the blood.
- 5 Blood is pumped around our body by the heart.
- 6 A skeleton is made up of all the bones in the body.
- 7 Muscles are attached to our bones and they lift and move our bones.



1  **Look and color**

- 1 Color the heart red.
- 2 Color the lungs pink.
- 3 Color the stomach yellow.

- 4 Color the blood blue.
- 5 Color the muscles orange.
- 6 Color the bones green.





1 Rewrite the sentences with capital letters

1 they loved egyptian food when they lived in cairo.

They loved Egyptian food when they lived in Cairo.

2 mr gamal prefers arabic music to african music.

3 louis braille invented the braille code.

4 mrs Azza reads braille because she can't see well.

5 the english roses in london in august smelled sweet.

6 the pyramids are the most famous landmark in giza.

7 american sign language is different to spanish sign language.

8 we visited luxor in june and went to the karnak temple.



2 Correct the mistakes. Each sentence has one or two mistakes

1 The Elephants and rhinos were the most popular animals at the Zoo.

The elephants and rhinos were the most popular animals at the zoo.

2 Mr and Mrs Bahgat stayed in Aswan for the Weekend.

3 Many Temples were built by King Ramses II.

4 Tamer went to Luxor in february to see his Grandparents.

5 Cairo, Alexandria, Giza and Port Said are the largest Cities in Egypt.



LESSON 3
LANGUAGE

1



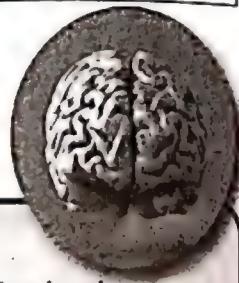
Complete the table, then write (R) *regular* or (I) *irregular*

Infinitive	He/She/It ...	R or I
do	1 does	I
2	writes	
watch	3	
4	fixes	
have	5	
6	is	
understand	7	
8	carries	
play	9	
finish	10	

2



Read and complete the facts


Fact file
Ten Fun Brain Facts!

- 1 The brain _____ (be) the most important organ of the body.
- 2 An adult brain _____ (weigh) about 1400 grams.
- 3 About 75% of the brain _____ (be) made up of water.
- 4 Your brain _____ (continue) to grow until you're about 18 years old.
- 5 Your brain _____ (use) about 20% of the oxygen and blood in your body.
- 6 Information _____ (travel) from your body to your brain at 240-420 kilometers per hour.
- 7 Every minute, about one liter of blood _____ (flow) through the brain.
- 8 While you are sleeping, your brain _____ (go) through all the memories of the day.
- 9 The average brain _____ (have) 12,000 to 60,000 thoughts a day!
- 10 When you are awake, your brain _____ (make) enough electricity to power a small light bulb.

LESSON 3

1 **Read and choose the correct answer for you**

- 1 At school, I like...
 - a creative subjects like art and music.
 - b math and science subjects.
 - c all subjects.

- 2 At the weekend, I like...
 - a playing sports.
 - b doing quizzes.
 - c drawing pictures.

- 3 I practice math...
 - a everyday.
 - b sometimes.
 - c only in math lessons.

- 4 I listen to music...
 - a everyday.
 - b sometimes.
 - c never.



2 **Read and answer**

1 Which hemisphere of the brain controls the right side of the body?

2 Are most people right-handed or left-handed?

3 Are you right-handed or left-handed?

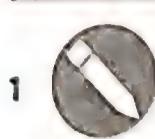
4 Do you use the right or left hemisphere of your brain for your favorite activities?

Did you know?

The left hemisphere of the brain controls the right side of the body, and the right hemisphere controls the left side of the body. More people use their right hand to write with. Some people who are left-handed are very creative and artistic.

LESSON 4

PARASPORTS



1 Read and choose the correct answer *a* or *b*

The Paralympic Games is ...

- 1 a an Egyptian competition.
- 2 a for athletes with disabilities.
- 3 a held four times a year.
- 4 a in a different country each time.

b **an international competition.**

- b for athletes who do more than one sport.
- b held every four years.
- b in the same country each time.



2 Read and write *Aya*, *Mostafa* or *Ahmed*



Mostafa Fathalla



Aya Ayman Abbas



Ahmed Abdel Fattah

- 1 Ahmed plays sitting volleyball.
- 2 _____ is a swimming champion.
- 3 _____ won a gold medal in the World Championships in New Zealand.
- 4 _____ is a 100, 200 and 400-meter runner.
- 5 _____ won a bronze medal in the 2016 Rio Paralympics.
- 6 _____ is the first female Egyptian Paralympic swimmer.
- 7 _____ has played in Africa and Brazil.
- 8 _____ joined the Egyptian national team in 2006.
- 9 _____ has won lots of gold, silver and bronze medals.

3  **Read and match****a third place****a gold medal****b second place****a silver medal****c first place****a bronze medal****4**  **Write a fact file about the athlete you chose on page 15 of your Student's Book**

Athlete: _____

Age: _____

Type of sport: _____

Medals won: _____

Countries he/she played in: _____



LESSON 5
WRITING: PARAGRAPHS

1



Read the text and answer the questions

We all need to eat a good diet to stay healthy. But what is a good diet? A good diet includes lots of fresh food and plenty of water to drink. Our brain is about 75% water and it needs water to work well.

We should eat fresh fruit and vegetables because they have a lot of fiber and are full of vitamins and minerals. We need these for healthy skin, muscles, bones, and teeth. We should eat plenty of protein too, as this helps us grow. Foods with protein include fish, cheese, eggs, beans, nuts, and meat.

We need fats for a healthy nervous system and these include nuts, oily fish, oil and butter. Carbohydrates like bread, rice and pasta give us energy. Sugar also gives us energy, but too much sugar isn't good for us. Sugar is in cakes, cookies, and candy, so try not to have too much of these. Eat a good diet with lots of different fresh food, and you'll be healthy.



1 What does a good diet include?

Fresh food and plenty of water.

2 What foods are high in fiber?

3 Why do we need vitamins and minerals?

4 What kind of food are beans and fish?

5 What do we need to eat for a healthy nervous system?

6 Is too much sugar good for us?

2



Read the text again and choose the best title

Sugary foods are bad for you

Eat well and be healthy

Eat more protein and get fit

What food do you like?

LESSON 5

3 Read this paragraph from the text on page 14 again. Underline the main sentences in the paragraph

We need fats for a healthy nervous system and these include nuts, oily fish, oil and butter. Carbohydrates like bread, rice, and pasta give us energy. Sugar also gives us energy, but too much sugar isn't good for us. Sugar is in cakes, cookies, and candy, so try not to have too much of these. Eat a good diet with lots of different fresh food, and you'll be healthy.



4 Now complete

1 The introduction sentence:

2 The main sentences:

3 The conclusion sentence:



5 Read and answer for you. Compare your answers with a partner

1 Which of these kinds of exercise do you do?

run	<input type="checkbox"/>	swim	<input type="checkbox"/>	play tennis	<input type="checkbox"/>
play basketball	<input type="checkbox"/>	ride a bike	<input type="checkbox"/>	skateboard	<input type="checkbox"/>

2 Which of these healthy foods do you eat often?

fresh fruit	<input type="checkbox"/>	nuts	<input type="checkbox"/>	cheese	<input type="checkbox"/>
meat	<input type="checkbox"/>	fish	<input type="checkbox"/>	fresh vegetables	<input type="checkbox"/>

1

Plan some activities for a short summer camp. Write some notes

1 Who is your summer camp for?

2 Which physical activities would you like?

3 Which creative activities would you like?

4 What healthy meals and snacks would you like?

2

Write a three-day plan

Day 1

Morning _____

Lunch _____

Afternoon _____

Snacks _____

Day 2

Morning _____

Lunch _____

Afternoon _____

Snacks _____

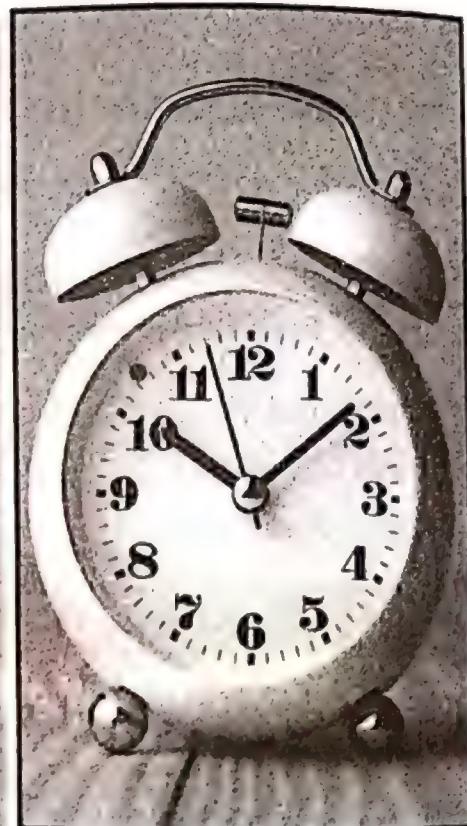
Day 3

Morning _____

Lunch _____

Afternoon _____

Snacks _____

**3**

Compare your plan with a partner

UNIT REVIEW

1  Look and write

1



2



3



4



h _____

s _____

l _____

s _____

5



6



7



b _____

m _____

b _____

2

**Find, circle and write the third person singular form of the verbs**
do cry use have study work go

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

7 _____

8 _____

3

**Write the sentence with capital letters**

ahmed abdel fattah has played sitting volleyball for the egyptian team in africa and brazil.

4

**Answer the questions**

- 1 What system do we use when we eat? _____
- 2 What sense do we use to see? _____
- 3 Who uses sign language to communicate? _____
- 4 Who uses Braille to communicate? _____
- 5 Why do the Paralympic Games take place? _____

**UNIT
2**

PLANTS AND ANIMALS

LESSON 1

VERTEBRATES

1



Find, circle, and write

amphibians bird fish reptile mammal

1



bird

2



3



4



5



2



Read and complete

bats beaks cold-blooded fins gills moist
scales seeds warm-blooded water

- 1 Humans, bats and whales are all mammals.
- 2 Mammals are and they feed their babies milk.
- 3 Reptiles and amphibians are .
- 4 Reptiles have not fur or hair.
- 5 Amphibians have smooth skin and live in habitats.
- 6 Amphibians always lay their eggs in .
- 7 Fish breathe by taking in oxygen through their .
- 8 Fish have scales and use their to move.
- 9 Birds have which are hard and made of bones.
- 10 Birds eat meat, fruit, insects, nuts and .

3



Read and answer

What is your favorite mammal, bird and amphibian?

LESSON 2
LANGUAGE**1**  **Read and complete**

The biggest land **1 animal** is a
2 m _____. It's the **3 A** _____ n
 elephant.
 It is bigger than the **4 A** _____ n elephant.

**2**  **Complete the fact files**

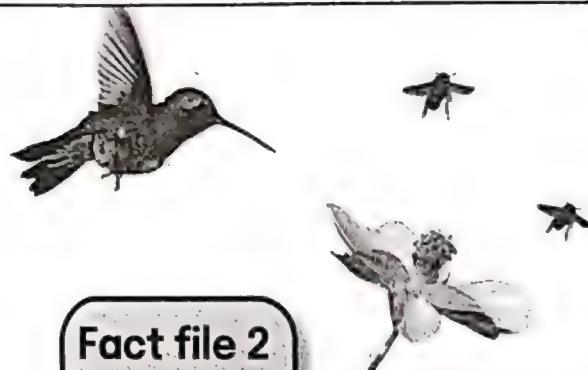
bee hummingbird blue whale chameleon frog ostrich whale shark

2.5 5.5 7 12 30 30

Fact file 1

Biggest sea animal: blue whale

Length: _____ meters

**Fact file 3**

Smallest bird: _____

Length: _____ centimeters

Country: Cuba

Fact file 5

Smallest reptile: _____

Length: _____ millimeters

Country: Madagascar

Fact file 2

Biggest fish: _____

Length: _____ meters

Fact file 4

Biggest bird: _____

Height: _____ meters

Fact file 6

Smallest vertebrate: _____

Length: _____ millimeters

Country: Papua New Guinea

1



Read and complete the quiz

ANIMAL FACTS QUIZ

1 leopards / large / than cheetahs

Leopards are larger than cheetahs.

2 ostriches / fast / than horses

3 green anacondas / heavy / snake in the world

4 hippos / dangerous / to humans / than crocodiles

5 a hummingbird's beak / long / than its head

6 howler monkeys have / loud / sounds / spider monkey

7 sloths / slow / than giant tortoises

8 narwhals / be / small / whales in the world

2



Write two more animal facts that you know for the quiz in Exercise 1.
Share your facts with your group

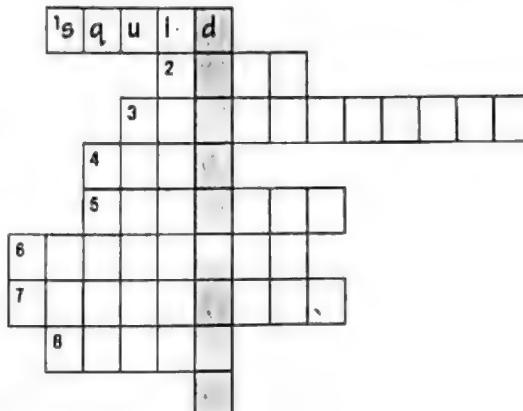
1

2

LESSON 3**INVERTEBRATES**

1 Read the clues and complete the puzzle.
What's the mystery invertebrate?

- 1 A _____ has a soft body and lives in the sea.
- 2 A _____ lives on land and in the sea. It can walk and it has a hard shell.
- 3 A _____ is an insect that can jump one meter.
- 4 A _____ is an amphibian that lays its eggs in water.
- 5 An _____ has eight legs. It lives in the sea and it swims fast.
- 6 A spider isn't an insect; it is an _____.
- 7 A _____ has a soft body and it lives in the sea. It doesn't have legs or fins or scales.
- 8 A _____ has a shell. It doesn't have legs and it moves very slowly.



Mystery invertebrate: _____



2 Read and complete

arachnids backbones cold-blooded sea soft swim

Invertebrates don't have 1 backbones. They are 2 cold-blooded. They live in the 3 sea and some live on land. Some have 4 soft bodies and some have hard shells. Some invertebrates can 5 swim and some can walk. 6 arachnids are not insects. They have 8 legs.

3 Listen and circle

1 This invertebrate has a **hard** / **soft** shell and lives on the land.



2 All arachnids have eight legs and some have six / eight eyes!



3 The atlas moth is one of the **most** colorful / **biggest** insects on Earth.

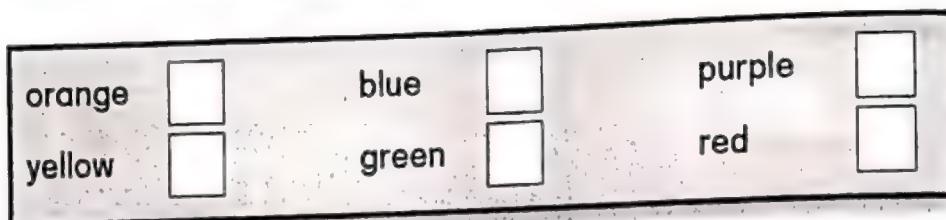


1 Read the text in your Student's Book pages 28-29 again and choose the correct answers a, b, or c



- 1 How many types of plants are there?
a 4,000 b 40,000 c 400,000
- 2 Why are flowers brightly colored?
a Color feeds the plant. b Color helps the plant grow.
c Color attracts insects.
- 3 What do insects carry from one flower to another?
a pollen b food c seeds
- 4 How does the insect activity in the picture help the plant?
a It helps it grow. b It helps it reproduce.
c It makes it more colorful.

2 Read and check ✓ the primary colors



3 Read and write T (True) or F (False)?

- 1 If you add black to a color, it becomes darker. T
- 2 Blue and yellow make green.
- 3 Red and green make orange.
- 4 If you add white to a color, it becomes white.
- 5 Blue and red make purple.

Tip!

Warm colors
remind you
of heat and
sunshine.

4 Think and write. Are these colors warm (W) or cold (C)?

1 red	<input style="width: 20px; vertical-align: middle; margin-left: 10px;" type="text"/> W	3 yellow	<input style="width: 20px; vertical-align: middle; margin-left: 10px;" type="text"/>
2 blue	<input style="width: 20px; vertical-align: middle; margin-left: 10px;" type="text"/>	4 orange	<input style="width: 20px; vertical-align: middle; margin-left: 10px;" type="text"/>

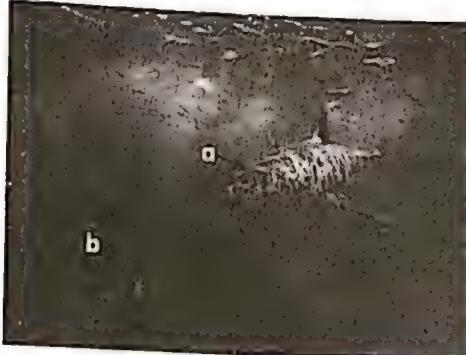


5 Read and circle

- 1 Under the sea, some fish and plants **are brightly colored / have no colors.**
- 2 Having bright colors can help fish to **find / hide from predators.**
- 3 Coral has **one color / different colors.**
- 4 Many predators **eat / don't eat** prey that is brightly colored.
- 5 Bright colors can be a warning that the animal is a **predator / poisonous.**

6 Look and write **predator** **prey**

1



a A shark is a predator.
 b A fish is a prey.

2



a A bird is a predator.
 b An insect is a prey.

3



a A bear is a predator.
 b A fish is a prey.

4



a A frog is a predator.
 b An insect is a prey.

LESSON 5**WRITING**

1

**Read and complete the text with the words in the box****However In addition On one hand On the other hand**

Most mammals live on land, but some mammals such as whales and dolphins live in the sea. 1 However, bats are the only mammals that can fly. Bats live in groups in trees or caves. They sleep during the day and hunt for food at night. They can fly very fast at night because they can 'see' using a special skill called echolocation. 2 _____ bats are helpful to humans and the environment. 3 _____, large numbers of bats can be noisy and messy. 4 _____, they are helpful to farmers because they pollinate plants and eat large amounts of harmful insects.



2

**Read the text again and answer the questions****1 Why are bats unusual?**

They are the only mammals that can fly.

2 When do bats hunt for food?**3 How do bats 'see' at night?****4 How do bats help farmers?**

LESSON 5

3 Read these contrasting ideas about zoos. Then write them in the table

- ~~zoos protect endangered animals~~
- zookeepers love the animals
- animals are kept in the 'wrong' habitats
- animals are separated from their family groups
- zoos are places of scientific research
- animals aren't free to live a natural life
- people can see and learn about wild animals
- animals can become stressed and unhappy



Advantages	Disadvantages
zoos protect endangered animals	



4 Write a short text about zoos. Use the words in Exercise 1 to present some contrasting ideas. Use the text in Exercise 1 as a model.

LESSON 6
PROJECT

1



Match the animals and plants with the micro-habitats. Some can belong to more than one habitat



2



Choose a micro-habitat from Exercise 1. Draw and label a picture and write a short description of the different animals. Which animals are vertebrates or invertebrates? Describe them.

UNIT REVIEW

1 Write the five types of vertebrates



1 b__d

2 f__h

3 r__t__e

4 m___l

5 a___b__n



2 Complete the table with the animals

bat crab dragonfly frog grasshopper octopus ostrich shark squid

vertebrate	invertebrate



3 Complete the sentences with a comparative or superlative adjective or an adverb

1 Humans can run fast but ostriches can run _____ than humans.

2 Giraffes are _____ animal in the world.

3 Sloths move very _____.

4 Elephants are _____ land animals in the world.

5 Jellyfish swim _____. They can swim at 6.4 km per hour.



4 Answer the questions

1 Which groups of vertebrates are cold-blooded?

2 Are insects vertebrates or invertebrates?

3 What are the three primary colors?

4 What is the word for an animal that eats other animals?

**UNIT
3****MY WORLD****LESSON 1****MY COMMUNITY**

1



Read and complete

citizenship community neighborhood

The girls at my running club are my 1 _____. We are all from different parts of town and we go to different schools but that doesn't matter. We are all best friends.

Aya



Fares and Mustafa



We have lots of friends and family who live in our 2 _____. We are always visiting each other's houses. Our favorite time is the summer when everyone has fun together in the park.

Adam



I think good 3 _____ is about looking after where you live and being kind to people. I don't drop trash in the street or the park. I respect my neighbors.

2



Read again and answer the questions

1 What is important to Aya about her running club?

Her friends.

2 What do Fares and Mustafa like about where they live?

They're our friends.

3 How does Adam look after his environment?

I don't drop trash in the street or the park.

3



Read and write

1 They're Aya's running shoes. They're hers.

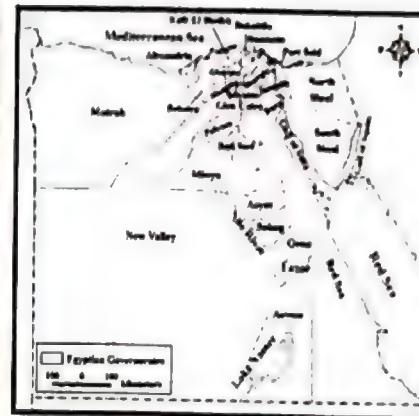
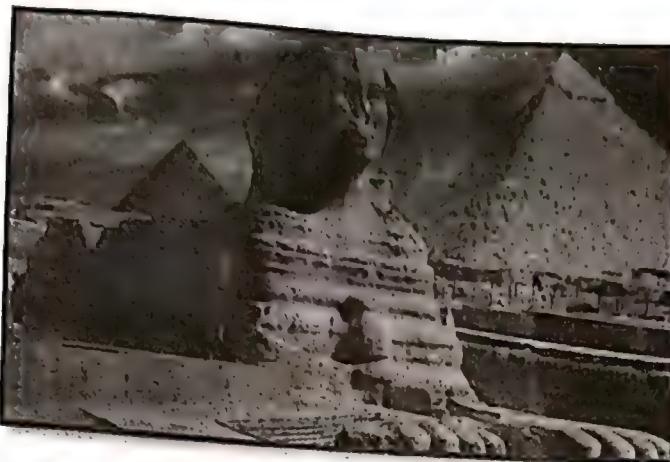
2 It's Fares and Mustafa's neighborhood. It's _____.

3 They're Adam's neighbors. They're _____.

4 It's my community. It's _____.

5 They're our friends. They're _____.

6 It's your house. It's _____.

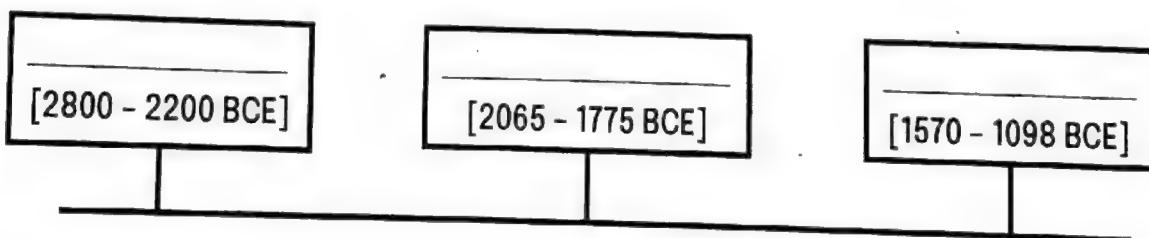
LESSON 2**THE HISTORY OF EGYPT****1 Read and match**

1 People started to live near the Nile
 2 Lower Egypt
 3 Upper Egypt
 4 The Nile flows out to sea
 5 In about 3200 BCE a pharaoh
 6 Egypt became powerful

a in Lower Egypt.
 b because of the Nile.
 c was in the north.
 d in 7000 BCE.
 e was in the south.
 f made Lower and Upper Egypt one country.

**2 Look and complete the timeline**

the Middle Kingdom the New Kingdom the Old Kingdom

**3 Read and circle**

1 A dynasty was an important person / **family** that ruled for many years.
 2 People started to live near the Nile about 8000 / 9000 years ago.
 3 Mena united / divided the north and south to form Egypt.
 4 There are four / three parts to the history of Ancient Egypt.

1



Find, circle, and write the past form of the verbs

o	e	t	a	l	k	r
f	c	w	r	i	t	e
i	o	t	m	v	s	a
n	m	a	k	e	e	p
i	e	u	d	i	e	b
s	d	r	i	n	k	d
h	v	c	w	o	r	k

Regular	Irregular
finished	

2



Complete the text with the correct form of the verb in brackets

Not everyone in Ancient Egypt 1 learned

(learn) to read and write. This

2 _____ (be) a job for scribes.

Scribes 3 _____ (be) very important people in society.

To become a scribe, children

4 _____ (go) to a special school. Here they 5 _____ (study)

hieroglyphs and hieratic scripts. The children

6 _____ (have) to learn lots of different signs and symbols. They

7 _____ (spend) all day copying the signs onto stone or papyrus paper.

Scribes 8 _____ (write) with reed brushes and ink. They

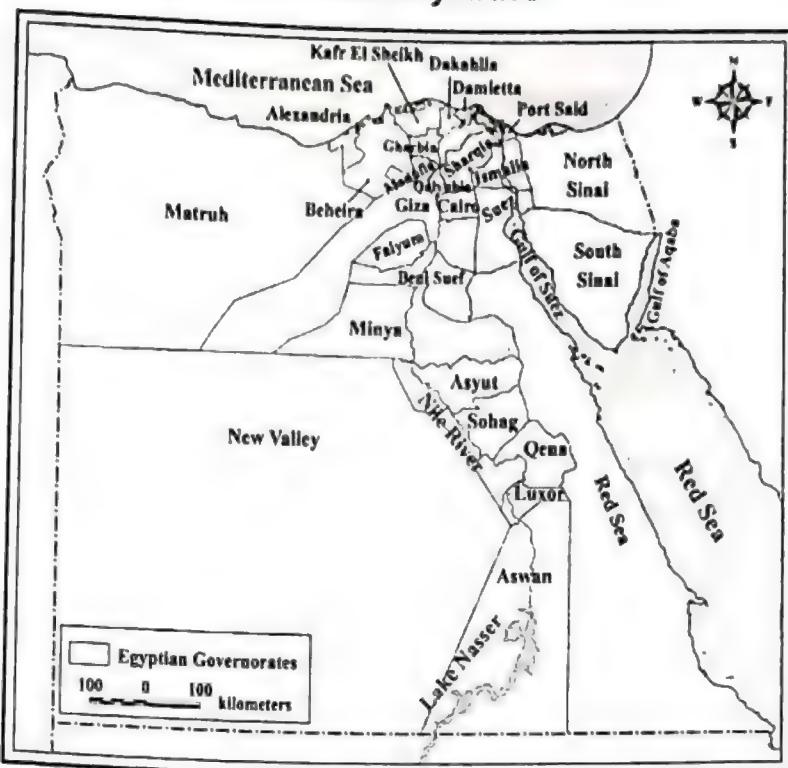
9 _____ (make) ink from brightly colored minerals which they

10 _____ (mix) with liquid. It 11 _____ (take) four or five years to finish their education at scribe school.



LESSON 3**THE GOVERNORATES OF EGYPT**

1 Look and color the governorate where you live



2



Read and circle T (True) or F (False). Correct the false sentences

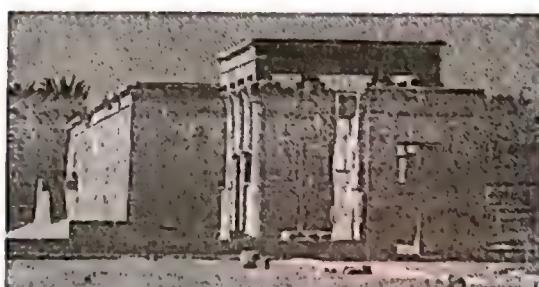
- 1 A governorate can be a city, or a city and countryside. T F
- 2 Alexandria, Cairo and Edfu are all governorates. T F
- 3 Twenty million people live in the Cairo governorate. T F
- 4 The biggest governorate is New Valley. T F
- 5 Ismailia is the smallest governorate. T F
- 6 Damietta governorate is 910 km². T F

3



Read and complete

245,000 440,098 km²
capital Governorate
oasis population



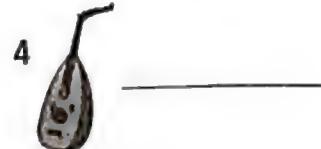
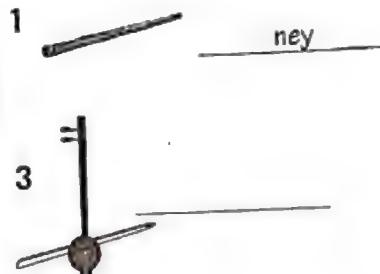
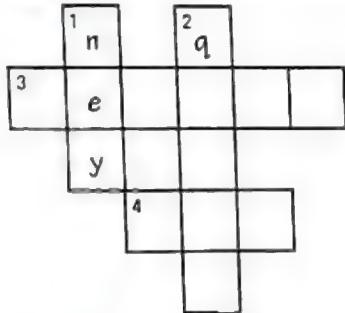
New Valley 1 Governorate is 2 _____ in size. It is a very large area but New Valley doesn't have a big 3 _____. The population is about 4 _____. The 5 _____ of New Valley Governorate is Kharga. Kharga is an 6 _____ town in the south of this region.

1 Read and correct one mistake in each sentence



1 Egypt has one type of traditional folk music.	<u>many types</u>
2 Folk musicians from Lower Egypt play Saidi music.	
3 Saidi music uses guitars and oboes.	
4 Singing and poetry is important in Saidi music.	
5 Jumping and drumming is important in Nubian music.	
6 Nubian music is often mixed with old styles of music.	
7 Bedouin music never includes singing.	

2  Do the crossword. Then write *wind instrument* or *string instrument*



3  Unscramble the letters and write the instrument. What other instruments do you know? Write them



boeo

LESSON 4

4



Match and write

clap string instrument wind instrument



1



2

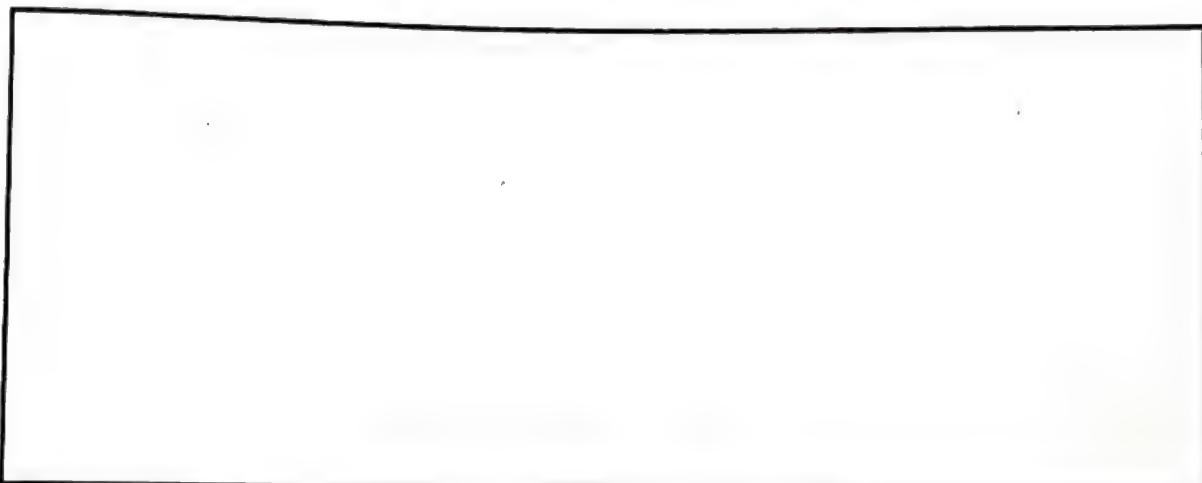


3

5



Draw, color and write



This is my favorite instrument. It is a _____

6



Read and complete

important instruments know pictures put

Music was 1 important in Ancient Egypt, too. We 2 _____
this because scribes made 3 _____ of musicians playing
4 _____, and Ancient Egyptians 5 _____
instruments into pyramids.

1



Read the text. What are the names of two types of Egyptian carpet?

There is a long history of traditional crafts in Egypt. Two of the most popular crafts are khayameya and carpet making. In the past, tent makers created khayameya to decorate huge tents for weddings and other family occasions. Khayameya patterns are beautifully designed using different colors. Today you can buy khayameya in many traditional stores and markets.

Carpet making is another Egyptian craft. A skilled person can work quickly, but it takes many years to learn how to make an Egyptian carpet. The patterns are bright and colorful and each carpet is made carefully, using Egyptian wool. Qashqai and Shirazi carpets are famous for their complicated patterns in red and blue.



2



Read the text again and answer the questions

1 In the past, who made khayameya?

Tent makers.

2 What was khayameya made for?

3 Where can you buy khayameya?

4 How long does it take to learn how to make an Egyptian carpet?

5 What colors are often used in Egyptian carpets?

LESSON 5**3**

Read the text on page 34 again. Underline the adjectives and adverbs in the text. Write the words in the correct column

Adjectives	Adverbs

4

Underline and write the topic sentences in the text. Check how they were developed

The topic sentences:

The topic sentences were developed by:

facts definitions details

5

Write a description of a craft or an activity you like. Use the text in Exercise 1 as a model. Use adjectives and adverbs in your description

1

**Match the information about Alexandria with the headings**

1 Location

a The Montazah Palace and Maamoura Beach.

2 Geography

b There's a summer concert at the Library of Alexandria.

3 Attractions

c It is in the north of the country on the Mediterranean Sea.

4 History

d The city was built by Alexander the Great.

5 Culture

e It is a port and there's a long coastline.

2

**Make a tourist guide for Alexandria**

- Use the five headings from Exercise 1.
- Find out and write two more facts for each heading.
- Draw pictures to illustrate your tourist guide.

UNIT REVIEW

Match the words with the pictures

scribe string instrument wind instrument pharaoh



1



2



3



4



Complete the dialogs with the possessive forms

1

Is it Nadia's phone?

Yes, it's _____.

2

Can you give me that book, please, Fares?

It isn't _____. It's _____.

3

Those books belong to me and Layla. They're _____.

4

Is that your dad's car?

Yes, it's _____.

5

Is it your birthday today or your twin sisters'?

It's _____. They're 11.



Read and choose the correct answers from a, b, or c. You can choose 2 correct answers

1 What make a community?

- a the place and the people
- b shared activities and ideas
- c both a and b

2 What is good citizenship?

- a helping your community
- b helping yourself
- c behaving well

3 What part of Egypt was Upper Egypt?

- a The north
- b The south
- c The east

4 How many governorates are there in Egypt?

- a 27
- b 37
- c 29

5 Name two types of Egyptian music.

- a Tahtib and Raqs Assaya
- b Nubian and Saidi
- c Simsemeya

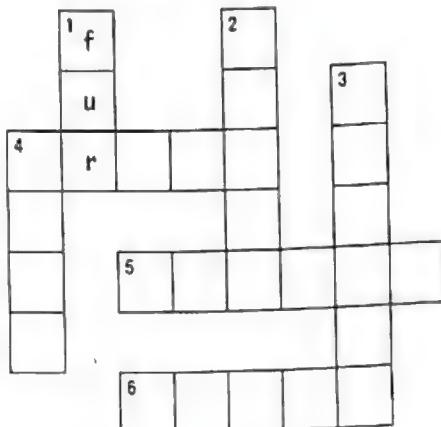
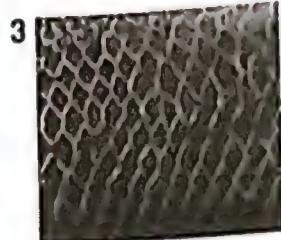
REVIEW 1

LESSON 1



1 Do the crossword

Down



Across



2 Read and complete the animal words

Invertebrates	Vertebrates
c _ b	e _ _ h _ t
j _ _ y _ _ h	b _ t
o _ _ p _ s	ost _ _ h
s _ d _ r	f _ g



3 Read and circle the correct word

- 1 We use our digestive / respiratory system when we eat.
- 2 A reptile is an invertebrate / a vertebrate.
- 3 Elephants and chameleons / bats are warm-blooded.
- 4 Our neighborhood / community is made up of people, places, activities and ideas.
- 5 There is more / less desert in Egypt than mountains.
- 6 A pharaoh is a person / family who ruled in Ancient Egypt.



4 Circle the correct words

- 1 Our heart pump / pumps blood around our body.
- 2 Snails are very slow / slowly.
- 3 Our skeleton protect / protects our organs.
- 4 We breathe / breathes air through our nose into our lungs.
- 5 There are / is two hemispheres in our brain.
- 6 Monkeys can climb trees easy / easily.



5 Find, circle, and complete the sentences with the correct words

biggest slowest smallest strongest taller

- 1 Snails are _____ than frogs.
- 2 The _____ fish is the whale shark.
- 3 Giraffes are _____ than camels.
- 4 The bee hummingbird is the _____ bird.
- 5 Horses are _____ than humans.



6 Circle the correct words

- 1 Monkeys can climb trees easy / easily.
- 2 Ostriches can run faster / harder than humans.
- 3 Snails move very slow / slowly.
- 4 Octopuses can swim better / worse than chameleons.
- 5 Elephants drink more / less water than mice.

LESSON 2

1



Complete the text with the correct form of the verbs in brackets

People 1 _____ (start) living in Egypt about 9,000 years ago in 7,000 BCE. The River Nile 2 _____ (help) make Egypt into a powerful country. The river 3 _____ (flood) every year and this made the soil good for growing crops. The ancient Egyptians 4 _____ (build) canals next to their fields. They 5 _____ (use) the water for irrigation. They 6 _____ (sail) along the River Nile to trade their goods with other communities. Egypt 7 _____ (become) a rich and powerful trading nation in the Mediterranean.

2



Read the text again and answer

1 How did the floods help the farmers?

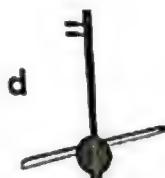
2 Why did the farmers build canals near their fields?

3 How did the Ancient Egyptians trade their goods?

3



Look, complete and match the musical instruments



1 o _____

2 q _____

3 n _____

4 r _____

4



Match the sentences with the paragraphs. There is one extra sentence you don't need

- A People use sight to understand what people are saying.
- B The cerebellum controls our movement.
- C They can live on land or in water.
- D We can make orange with red and yellow.
- E People who are blind can use Braille to read.
- F The dancers use sticks in both these dances.

The brain is the center of our nervous system. There are three important parts of the brain. The cerebrum controls our senses, our thoughts and how we speak. 1 The cerebellum controls our movement. The brain stem joins the two hemispheres of the brain together.

Invertebrates are the largest animal group on Earth. They are cold-blooded and they don't have a backbone. 2 _____ Some invertebrates have soft bodies and others, such as crabs, have a hard shell.

People who are deaf or can't hear well can learn sign language. This is a language where we use our hands and facial expressions to communicate. 3 _____ Sign language is different in each country.

Folk dancing has a long history in Egypt. Raqs Assaya and Tahtib are two famous dances in the Saidi musical tradition. 4 _____ Nubian dancing is lively and colorful.

Red, yellow and blue are the three primary colors. We can mix them together to make secondary colors. 5 _____ We can make green with blue and yellow.

5



Read again and answer the questions

1 What are the three important parts of the brain?

2 What is the largest group of invertebrates?

3 Who uses sign language?

4 What are two dances from the Saidi musical tradition?

5 What are the primary colors.? Which primary colors are warm colors?

CORAL REEFS



1 Read and circle T (True) or F (False)

- 1 Coral reefs are large groups of colored plants. T/F
- 2 Coral reefs are made up of tiny polyps that have a hard exoskeleton. T/F
- 3 Coral reefs grow very quickly. T/F
- 4 Coral polyps are lots of different colors. T/F
- 5 Tiny organisms called algae live inside the coral polyps. T/F
- 6 Coral reefs grow in very deep water in the ocean. T/F
- 7 Coral reefs need sunlight. T/F
- 8 Coral reefs are an important habitat for fish and sea animals. T/F



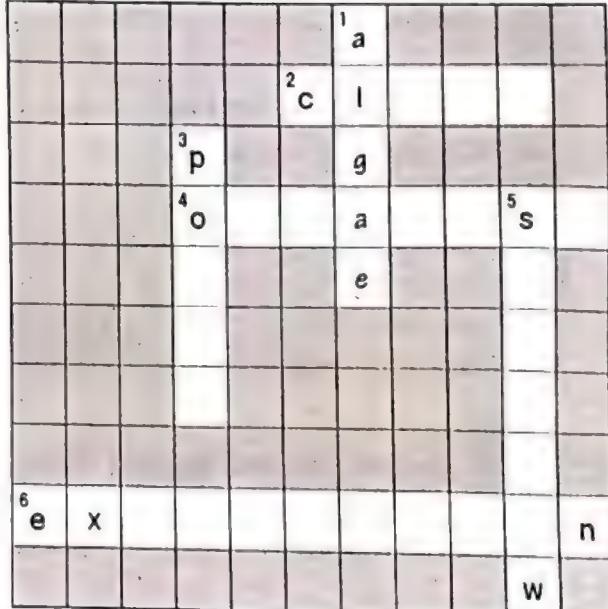
2 Do the crossword

Down

- 1 very simple plants that live in water and don't have stems, roots or leaves
- 3 a very small sea animal that looks like a tube
- 5 water that isn't deep

Across

- 2 easy to see through; not having a color
- 4 a very small living animal or plant
- 6 a skeleton that is on the outside of an invertebrate's body



3 Listen and complete. There are two extra items in the box

Australia 2,300 3,400 4,000
Africa The Great Barrier Reef

Coral Reef Fact file

- 1 The biggest coral reef system in the world is _____.
- 2 The Great Barrier Reef is in _____.
- 3 The Great Barrier Reef is about _____ kms long.
- 4 The Red Sea coral reef is about _____ kms long.

4



Read and choose the correct answer, a or b

- 1 What is happening to the Earth's seas and oceans now?
 - a The water is becoming warmer.
 - b The water is becoming more shallow.
- 2 What gives coral its bright colors?
 - a Sunlight and tiny organisms in the sea water.
 - b Algae that lives inside the coral polyps.
- 3 What happens to the coral reefs when the water is too warm?
 - a The algae inside the coral polyps leave and the coral becomes white.
 - b The algae creates many new colors.
- 4 In addition to rising sea temperatures, what also causes coral bleaching?
 - a Pollution, too much sunlight and not enough water
 - b Pollution, and too many sea animals living in the coral.
- 5 What happens to the coral when there is coral bleaching?
 - a Fish and sea animals eat the coral.
 - b The coral dies.

5



Listen and complete. There are two extra items in the box

cooler coral bleaching coral reefs global warming
less pollution sea temperatures serious problem warmer

- 1 Some corals in the Red Sea can survive rising _____.
- 2 The water in the Red Sea is _____ than other seas.
- 3 Corals in the Red Sea don't have a _____ with coral bleaching.
- 4 Scientists hope they can help protect some _____ around the world.
- 5 We need to have _____ in the world's oceans.
- 6 We also need to reduce _____ to stop sea temperatures rising.

6



Read and complete the sentences with your own ideas

- 1 Coral reefs are _____.
- 2 Coral reefs are important for our oceans because _____.
- 3 Coral bleaching is happening because _____.
- 4 We can protect coral reefs by _____.

CITY AND COUNTRY

LESSON 1

RURAL AND URBAN PLACES

1



Read and write city or village or both

- 1 About 700 people live here. village
- 2 There are more than 20 million inhabitants here. _____
- 3 This is a busy area and there are a lot of cars. _____
- 4 This is a metropolitan area. _____
- 5 There are shops, workshops, and a school here. _____



Fareeda



Zein

2



Read and match

city congestion densely populated isolated
pedestrian sparsely populated village

1

village

2

pedestrian

3



4

village

5

pedestrian

6

sparsely populated

7

densely populated

3

Read and circle for you

- 1 I live in a **sparsely populated / densely populated** area.
- 2 There **aren't many / are some** services.
- 3 It is a **rural / urban** environment.



1 Write the plural form of the nouns in the correct column

-baby -brother buffalo child date donkey goose man person
mountain potato sheep sister woman tomato city

Regular		Irregular
s	(i)es	
brothers	babies	



2 Complete the text with the correct plural nouns from Exercise 1

Hello, I'm Waleed's dad and this is my farm. I've got some 1 _____ and two 2 _____ on my farm. We used to have 3 _____ but we don't have any now. I grow a lot of 4 _____, onions and some 5 _____. We live near the river and this year, there are two Egyptian 6 _____ on the river. And they have three young goslings. They're really small.

I live in a traditional house with my family. I have three 7 _____. Waleed is my youngest child. The 8 _____ in my family are my wife and my mother. And there are two 9 _____ - me and my dad.



1



Look and complete the words

1



d_y_e

2



c_____

3



y_____

4



s_____

5



w_____

2 Read and number in the correct order

- a First, the wool is collected from the sheep.
- b Then they dye the yarn using dyes made from plants and roots.
- c They have to clean, wash and dry the wool before they can use it.
- d Nadia's grandma took her to a spinning and weaving workshop.
- e Artisans spin the wool to make it into yarn.
- f When the yarn is dry, the artisans can weave a carpet.
- g The guide at the workshop explained how the artisans make the carpets.

1

3 Read and circle the correct answer a or b

- 1 What is the warp?
 - a It is a synthetic dye.
 - b It is the structure of the carpet.
- 2 What do artisans use to make a carpet?
 - a a loom
 - b dark colors
- 3 What are synthetic dyes?
 - a dyes made of natural vegetables
 - b dyes made from chemical materials

4



Complete the sentences with the words in the box

after although as soon as before even though
Every time so that while

- 1 Tamer couldn't eat although he was hungry.
- 2 The parents watched their children _____ they played in the park.
- 3 We'll come home by bus _____ we've been to town.
- 4 I finished my homework _____ I was tired and had a headache.
- 5 Layla is studying English _____ she can be a journalist.
- 6 We had to chop the vegetables _____ we cooked them.
- 7 Dina ran upstairs to see her little sister _____ she got home.
- 8 _____ we go to Alexandria, I remember our wonderful holiday there.

5



Match the sentence halves

1 Malek and Youssef ran inside as soon as	a I don't like sports.
2 We always help Mom in the kitchen after	b we waited for the bus.
3 I watched Amir play football even though	c she hears this song.
4 The audience didn't have to wait long before	d it started raining.
5 Dad bought a laptop so that	e we've had dinner.
6 My little sister dances every time	f Nour prefers dates.
7 Mira loves figs though	g the concert started.
8 We chatted with our friends while	h he could work at home sometimes.



6



Circle the correct word

- 1 I study hard although / so that I can get high grades.
- 2 The tour guide explained how the artisans make carpet so that / while we watched them weave.
- 3 I always wash my hands before / while I have my meal.
- 4 My brother worked hard after / so he was very tired.
- 5 Before / After I went to the club, I met my friends there.
- 6 I opened the door after / while the door bell rang.



7 Match the sentence halves

1 Dad finished all his work	a we travaled to Hurghada.
2 She refused to have dinner with us	b although she was hungry.
3 Aser followed his teacher's advice	c even though he was tired.
4 My mother watched us	d before I go to bed.
5 I telephoned the police	e so that he could do well in school.
6 I always do my homework	f as soon as I saw the thief.
7 After we took our vacation,	g while we played in the garden.

LESSON 4**CLIL: MATH****1 Listen and say**

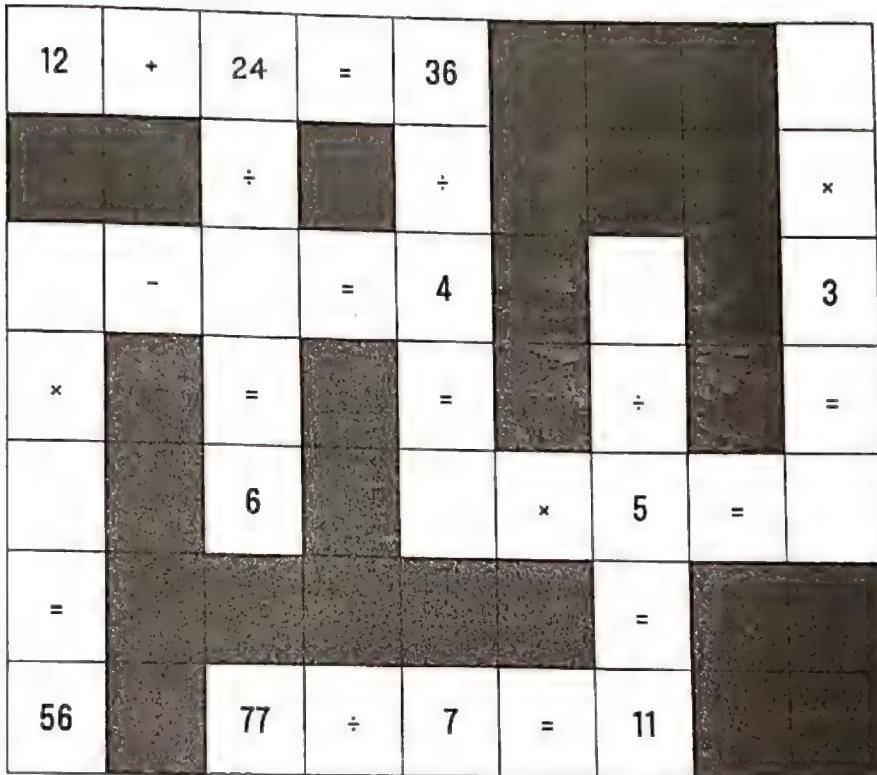
1 multiplication ×

4 $6 \times 3 = 18$

2 division ÷

5 $20 \div 4 = 5$

3 equals =

2**Do the crossword****3 Answer the multiplication, division, and fraction problems**

- 1 There are 9 potters making pots in the workshop. Each potter can make 128 pots a month. How many pots do the potters make each month?

- 2 Salma picked 180 tomatoes from her tomato plants. She can sell 4 tomatoes in a bag. She sells all her tomatoes. How many bags does she sell?

- 3 The children are going to spend $\frac{1}{2}$ of the sports lesson running, $\frac{1}{4}$ of the sports class jumping and $\frac{1}{4}$ of the sports class playing a ball game. How much of the class will they spend running and jumping?

1



Read Wael's fact file about his city, Aswan. Then answer the questions



Fact file

My City

City: Aswan

Location: on River Nile / south of Luxor

Population: 1,568,000 / not densely populated

Sites: Philae Temple / not a lot of industry

My Neighborhood

Home: big apartment near the center of the city

Family: parents, grandma, brother Magdy, sisters Mona and Reem

What I like

Likes: drinking lemonade and watching the boats on the river

Favorite places: Botanical Gardens / The bazaar

Good Services: schools, hospitals, shops, good transportation (train service to Luxor)

1 Where is Aswan?

It's on the River Nile / It's south of Luxor.

2 What can you see there?

3 Where does Wael live?

4 How many people are there in his family?

5 What are his favorite places?

6 What services are there?

2 Look and match

- 1 The introduction
- 2 The conclusion

- a presents a summary of the ideas.
- b presents the general idea of the text.

3

Read the fact file again. Imagine you are Wael. Use the information to write three paragraphs about your city, Aswan, and what you like about it. Remember to add an introduction and a conclusion to your text

Introduction: _____

Paragraph 1: My City

I live in Aswan _____

Paragraph 2: My Neighborhood and family

I live in a big apartment in _____

Paragraph 3: What I like about my city

I like drinking lemonade and _____

Conclusion: _____



1

**Design a new area of smart growth for your school****Draw a plan of the new area. Include these things:**

- places to work
- places to play
- green spaces

2

**Write a short description**

UNIT REVIEW

1 Find, circle, and match the words to the definitions

pedestrian isolated urban congestion inhabit rural

- 1 So much traffic that the cars have to move slowly. congestion
- 2 Describing an area or community in the countryside. _____
- 3 A person who is walking in the street. _____
- 4 Describing an area or community in towns and cities. _____
- 5 Far from people or other communities. _____
- 6 A person who lives in a place. _____



2 Write the plural form of the words

1 donkey _____	2 man _____	3 potato _____
4 foot _____	5 sheep _____	6 sister _____



3 Read and circle

- 1 Yunis is saving his pocket money **after / so that** he can buy his grandma a present.
- 2 Samira met her friend Dina **as soon as / although** she finished her homework.
- 3 I don't like to use synthetic dyes, **although / before** the colors look bright.
- 4 You must visit the Karnak Temple **while / before** you leave Luxor.
- 5 **Every time / Even though** dad goes to Cairo, he buys us a present.
- 6 We sometimes go to Hurghada **so that / after** we have our mid-year vacation.



4 Answer the question. Write two or three sentences.

Why do cities develop where they do?

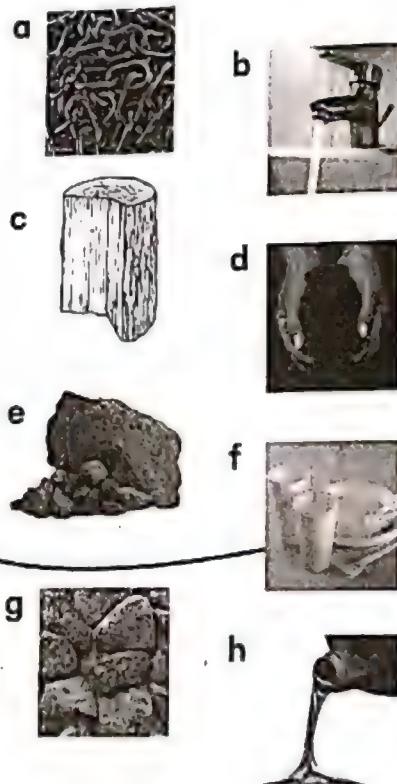
natural resources water mountains

**UNIT
5****RESOURCES IN OUR WORLD**
LESSON 1
NATURAL RESOURCES**1 Read and circle T (True) or F (False)**

1 Natural resources are made by people.	T / <input checked="" type="radio"/> F
2 Many classroom objects are made from natural resources.	T / F
3 Stone and wood are natural resources.	T / F
4 Plastic is made from metal.	T / F
5 Gold and silver are a type of stone.	T / F
6 Renewable resources can be naturally replaced.	T / F
7 Wind and falling water are examples of non-renewable resources.	T / F
8 Non-renewable resources can't be replaced.	T / F

2 Read and match

- 1 plastic
- 2 soil
- 3 mineral
- 4 metal
- 5 wood
- 6 petroleum
- 7 water
- 8 stone

**3  Read and answer**

What objects in your school bag are made from natural resources?

LESSON 2**RENEWABLE ENERGY**

1  Read and complete the text

coal fossil fuels global warming
greenhouse gases natural gas petroleum



Fossil fuels are non-renewable resources. Oil, 1 coal and natural gas are fossil fuels.

Crude oil is taken out of the ground and made into 2 , which we use in our cars, buses, and airplanes. Coal is taken from deep inside the Earth and it is used to generate electricity. Coal and 3 are used in our homes for heating and cooking.

Millions of years ago, when the plants and animals that used to live on the Earth died, they lay deep inside the Earth. After millions of years, they changed into 4 which we can use today to create energy. However, when fossil fuels are burned, they create 5 . These gases collect in the atmosphere. They are very bad for the environment. They help to create 6 and they make the problems of climate change worse.

2  Read again and answer the questions

1 What are three fossil fuels?

Oil, coal and natural gas

2 Why is coal important for industry?

3 What did fossil fuels use to be millions of years ago?

4 Why are greenhouse gases bad for the environment?

3  Find, circle, and write the correct third person singular form of the verbs

brush carry cry eat go need see try wash

+s	+es	y+ies
	brushes	

1



Look, match, and write

solar tidal wave wind



1 wave power



2 power



3 power



4 power

2 Read and circle T (True) or F (False)

1 Solar panels are expensive. (T/F)

2 Wind and water are fossil fuels. T/F

3 A large group of solar panels together is called a solar farm. T/F

4 The desert is a good place to put solar panels. T/F

5 It is often rainy in the desert. T/F

6 Solar panels are easy to look after. T/F

7 Solar power creates energy from the wind. T/F

8 Solar panels change solar energy into electrical energy. T/F

3 Read and choose the correct answer a or b

1 Renewable energy is ...

a clean and it doesn't run out. b cheap and easy to produce.

2 Solar panels don't work well if the weather ...

a is too hot. b isn't sunny.

3 Wave power and tidal power ...

a only work in the sea or ocean. b only work in lakes and rivers.

LESSON 3



4 Look and write

renewable energy non-renewable energy



1



2



3



4



5 Read and complete

cheap expensive panels power space

Solar panels are 1 expensive and we can't make solar 2 space on a rainy day. Also, solar farms need a very big 3 power. However, solar 4 panels are easy to look after, and electricity from solar power is 5 cheap.

6 Read and match

1 We can't	a electrical energy.
2 Transfer of energy is	b it is now mechanical energy.
3 We use solar panels to	c destroy energy.
4 Solar energy is turned into	d changing one kind of energy to another kind.
5 When you use electrical energy for a television,	e collect sunlight.





1 Complete the rules with the words in the box

boy don't know girl important plural

- 1 Use *her* when the noun is a _____ girl _____.
- 2 Use *his* when the noun is a _____.
- 3 Use *their* when the noun is _____.
- 4 Use *their* when it isn't _____, or when we _____ if the noun is a boy or a girl.



2 Read and circle the correct words

Last weekend, Lara and 1 **her** / their brother Youssef visited 2 her / their cousin in Aswan. Youssef gave 3 his / her cousin a present and Lara gave 4 his / her cousin a nice card. When their cousin opened 5 his / their present, he was very happy. It was a comic book!



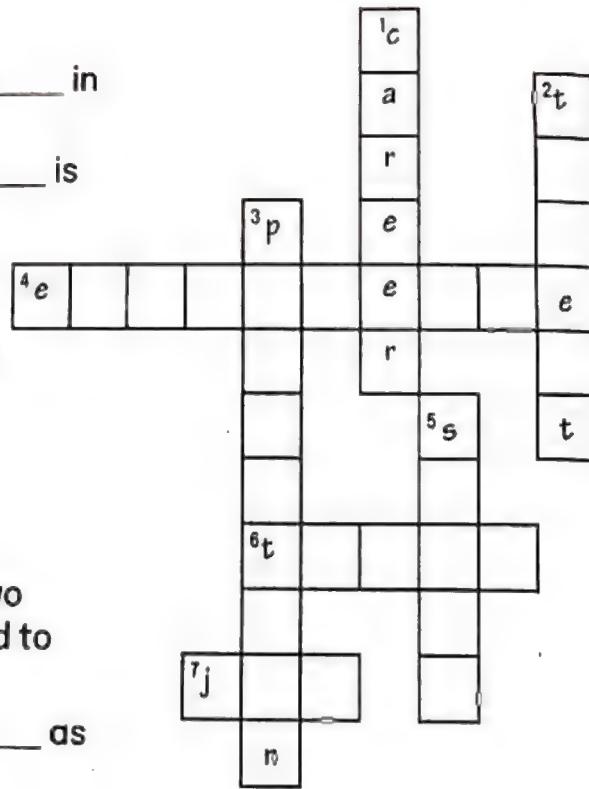
3 Do the crossword

Down

- 1 Layla would like to have a _____ career _____ in medicine.
- 2 Maysa's most important _____ is being able to play the oud.
- 3 After two years, Mr Hassan got a _____ to senior manager.
- 5 My best _____ is computer programming. I love computers.

Across

- 4 Huda's sister has three years' _____ as an accountant.
- 6 You will have to _____ for two months to learn everything you need to know.
- 7 Ahmed has applied for a _____ as an electrical engineer.



LESSON 5
TEAMWORK**1 Match the sentences with the tips a - e**

a have a positive attitude	b be responsible and reliable
c solve problems	d be supportive
e communicate and collaborate	

- 1 Listen to your team members. Offer them support and advice. d
- 2 Talk to your team members. Share ideas. Work together.
- 3 Be on time for work. Work hard and finish your projects on time.
- 4 Ask for help. Don't worry about problems. Try and solve them.
- 5 Be happy, cheerful and positive. Stay calm. Don't get upset about things.

2  **Read about Nour and Amir. Then read and write N (Nour) or A (Amir)**

Nour works for an engineering company. She likes her job and her team members. She's positive, helpful and kind to everyone. She's always polite, too. She works hard, but she often worries about problems that she can't solve. And sometimes she doesn't finish her part of a project.



Amir works for a design company. It's a very busy office and he works hard. He is never late for work and he always finishes his part of a project. He has lots of ideas, but he isn't good at listening to his team members' ideas. Amir finds it difficult to make friends. And he often gets upset when things are difficult at work.



- 1 Who isn't always able to finish their project on time? N
- 2 Who isn't calm?
- 3 Who is positive and helpful to their team members?
- 4 Who is reliable and responsible?
- 5 Who isn't a good problem solver?
- 6 Who doesn't communicate with their team members?

3  **Are Nour and Amir good at working in a team? Why? How could they be better teamworkers? Discuss your ideas with a partner**

4

Read the email. Number the parts of the email in the correct order.

New message

To _____

Subject _____

Yours sincerely _____

Nadia Sayed

Dear Mr Kamal

I would be very interested in working for you as a solar panel engineer. I studied engineering at Cairo University and I worked as a junior engineer on the Benban Solar park for one year.

I could travel to Cairo for an interview or meet online at any time from Monday to Friday.

I look forward to hearing from you soon.

I am writing because I saw your advertisement for the Solar Panel Engineer on the Renewable Technologies website.

Send | + | |

5

Read the email and circle T (True) or F (False).

1 Nadia Sayed lives in Cairo.	T / <input checked="" type="radio"/>
2 She is writing an email to Mr Kamal.	T / <input type="radio"/>
3 She would like to work on Benban Solar Park.	T / <input type="radio"/>
4 Nadia doesn't have any experience as an engineer.	T / <input type="radio"/>
5 Nadia would like to have an interview.	T / <input type="radio"/>

6

Read and choose.

1 You write "Yours sincerely," in the _____	
a introduction.	b closing.
2 When writing the greeting, you say _____	
a Dear Mr Kamal,	b Dear Kamal,
3 In the main part of the email you _____	
a say why you are writing the email.	b ask about someone's health.

LESSON 5

7



Read the job advertisement. Write an email to apply for the job.
Use the email in Exercise 4 as a guide.

We are hiring engineers and designers

We are looking for engineers and designers to design cell phone chargers that run on solar energy. Are you creative? Do you have any experience of working in renewable energies?

Please write to:

Ms. Zahra Mansour, Mansour Design and Technology

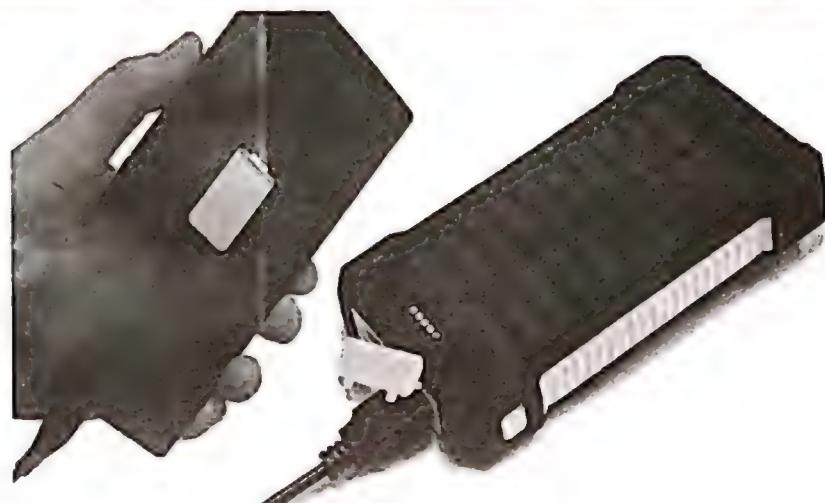
zahramansour@mansourdesign.eg

New message

To: _____

Subject: _____

Send | +



LESSON 6
PROJECT

1



Design an advertisement for the eco-friendly vehicle you designed on Student's Book page 84. Follow these steps

1 What makes a good advertisement? Look and check

- Bright colors
- Long sentences
- Small letters
- Clear pictures
- Short sentences
- Long paragraphs
- Big letters

2 Which renewable energy does your eco-friendly vehicle use?

wind power**solar power****tidal power****wave power**

3 Draw your advertisement. Describe your vehicle

UNIT REVIEW

1 Read and write **R** (Renewable), **N** (Non-renewable) or **F** (Fossil fuels)

- 1 metal and plastic
- 2 wood and water
- 3 crude oil and coal
- 4 petroleum and minerals
- 5 natural gas
- 6 sun and wind

N



2 Write the third person singular form of the words

1 finish <u>finishes</u>	2 throw _____	3 hear _____
4 catch _____	5 go _____	6 hurry _____
7 fix _____	8 do _____	9 push _____
10 fry _____	11 play _____	12 have _____



3 Read and write **him**, **her** or **their**

- 1 Adam gave his presentation in the afternoon.
- 2 Dina wrote essay on Thursday evening.
- 3 The children made mom a cup of mint tea.
- 4 I asked someone at school to lend me book.
- 5 Layla told Anna address.
- 6 No one at school uses phone in class.



4 How can you be a good team member? Discuss with a partner and then write two or three sentences

be reliable be responsible collaborate
communicate show respect solve problems

**UNIT
6****LET'S WORK****LESSON 1****TRANSPORTATION****1 Read and circle the correct words**

1 How will people get water in the new cities they are building in the desert?

The government will send water to the cities **through a pipe** / by road.

2 What is the best way to travel from Luxor to Aswan?

We always go by rail / road because it's more comfortable than driving.

3 What is the fastest way to send things from Cairo to the UK?

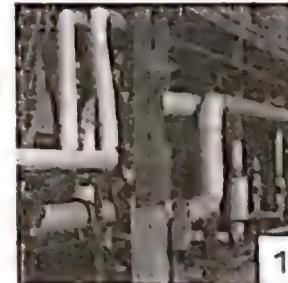
The fastest way is by water / air from Cairo airport to London Heathrow airport.

4 How did the Ancient Egyptians send their goods around Egypt?

They sent most of their goods by rail / water on the River Nile.

5 What is the best way to get from the suburbs to the center of the city?

There is a great bus service and lots of taxis so the easiest way is by road / pipe.

2 Match the photos with the answers in Exercise 1**a****b****c****d****e**

1

**3 Complete the sentences so that they are true for you****airplane bus ferry ship taxi train**

1 I've never traveled _____

2 I don't often travel _____

3 I'd like to _____

4 I wouldn't like to _____

LESSON 2**LANGUAGE****1 Match the sentence halves**

- 1 People will go _____
- 2 We won't drive _____
- 3 We'll create transportation _____
- 4 There will be _____
- 5 People won't use _____
- 6 All buildings will have _____
- 7 People won't watch _____
- 8 Most families will have _____

- a fossil fuels to heat their houses.
- b that uses solar energy not fuel.
- c solar panels on their roofs.
- d cars that use petroleum.
- e a personal robot at home.
- f to the Moon for holidays.
- g a space station on Mars.
- h the news on television.

**2****Read and write short answers about yourself**

- 1 Will you go to university? _____
- 2 Will you live in the same village or city when you're 25? _____
- 3 Will you learn to drive a car? _____
- 4 Will you have your own business? _____

3

Work in pairs. Read your partner's answers to the questions in Exercise 2. Now find out more information. Write and ask Wh- questions. Write your partner's answers

- 1 You: What will you study? / What will you do?
Your partner: I'll study languages. / I'll work for my father's company.

- 2 _____

- 3 _____

- 4 _____

TECH JOBS OF THE FUTURE**1 Read and match the tech jobs with the descriptions**

Robotics engineers User Experience Designers (UX Designers)
VR developers

A _____ create a positive experience between the user and the technology. They make sure that your websites, apps and smart machines are safe and easy to use.



B _____ create a new visual world you see when you play a virtual reality game and wear a special headset. Museums will use these VR headsets so that you can experience walking around an ancient building or city.

C _____ design autonomous machines. We will use autonomous machines to do jobs that are too dangerous or difficult for humans to do. They will build new automobiles and high-speed trains. We will use them in agriculture and manufacturing, too.

2**Read and answer the questions**

1 Who makes apps and smart machines safe and easy to use?

User Experience Designers (UX Designers)

2 Which places will start using VR headsets?

3 What kind of jobs will we use autonomous machines for in the future?

4 What do you see when you wear a VR headset in a museum?

5 What will autonomous machines build in the future?

3

Choose a business. Write a short description of how the business will use VR headsets to train their workers

an architecture firm a restaurant the emergency services
a tourism company an engineering firm

LESSON 3**USING SEARCH ENGINES**

4



Read and complete, then listen and check

browser search engine

- 1 A _____ is a website that helps you find web pages from other websites.
- 2 A _____ is a software application that you use to look at web pages on the internet.

5



Read and complete the dialog

ads 'for kids' options quotation marks research safe search option

Wael I'm doing some 1 research for my science project about renewable energy and wind farms. And I can't find what I'm looking for. Can you help me?

Mrs Sahar Yes, of course. First, are you using the 2 _____?

Wael Yes, I always use that.

Mrs Sahar Good. Well, use specific words in your search. Type in *wind farms Egypt*. Put 3 _____ around the words to make it more specific. And add the words 4 _____ to your search. This will bring up webpages that are suitable for you. Try that.

Wael OK ... Yes, that's much better. That has brought up lots of different webpages.

Mrs Sahar Look at the first three 5 _____ in the list. These are 6 _____. So don't click on those. Choose the best option for you.

Wael Thanks, Mrs Sahar.

1 Read the rules and circle the correct words

When making a password ...

- 1 ... do / **don't** use names, birthdays, phone numbers or addresses.
- 2 ... do / don't use more than 8 characters.
- 3 ... do / don't use easy words or numbers like **password** or 1234.
- 4 ... do / don't tell your friends your passwords.
- 5 ... do / don't use different passwords for different accounts.

**2****Read the instructions and write****1 Create a passphrase**

- a Choose four words you can remember easily. _____
- b Add spaces. _____
- c Use capital letters in some words. _____

Now write the passphrase: _____

2 Create a password code

- a Write the name of your favorite animal. _____
- b Add a number. _____
- c Add your favorite food. _____
- d Add a symbol. _____

Now write the full code: _____

3 Create a password sentence

- a Think of a true sentence you will remember. My little sister's name is Nour.
- b Use the first letter of each word to make the password.

- c Add numbers and characters you can remember.

Now write the password: _____

3 Number these passwords in order from weakest (1) to strongest (4)

- a bookstore account21
- c M#fpidK18%

b 123456

d Fares16.12.09

LESSON 4**4** Read and match the sentences to the password sentences

- 1 My best friend is called Sara.
- 2 I don't like tea without sugar.
- 3 Tarek lives in a tall house in Aswan.
- 4 Cats are nicer than dogs.

- a TliathiA _ _ _
- b cantd _ _ _
- c idltws _ _ _
- d mbficS _ _ _

**5** Read and circle the four symbols. Then add a symbol and numbers to each of the password sentences in Exercise 4

@ b \$ & 0 / t .

6 Read and choose the correct answer a, b, or c**1** hat INSECT engine

a a passphrase b a personal password code. c a password sentence

2 ilialihiC88&

a a passphrase b a personal password code c a password sentence

3 tennis99@english

a a passphrase b a personal password code c a password sentence

7

How do you like to create a strong password? Read and check

- passphrase
- personal password code
- password sentence



LESSON 5**TRANSPORTING GOODS AND PRODUCTS**

1

**Read the text. Choose and write the best title**

- A What is the best form of transportation for carrying natural resources?
- B What are the different forms of transportation for transporting goods?
- C Is air better than road or rail for transporting goods?

There are many ways of transporting goods and products over long or short distances.

First, we can transport goods long distances by water. Ships move slowly but they can carry large items such as automobiles and machinery.

Second, we can transport goods long distances by air. Airplanes are faster than ships so air travel is good for transporting fresh food.

Next, rail, road and pipelines are also used for transportation. Freight trains can travel across the country and trucks can travel from city to city. Pipelines are used for carrying natural resources such as oil, natural gas and water.

Finally, different forms of transportation are used for transporting different goods. The transportation we use depends on the product, the time available and the distance.

**2 Read the text again and circle T (true) or F (false)**

- 1 Large ships and ferries can't travel far. T / F
- 2 Large ships are good for transporting automobiles. T / F
- 3 Airplanes aren't as fast as large ships. T / F
- 4 Airplanes are good for carrying fresh food products. T / F
- 5 Oil, natural gas, and water are usually transported by truck. T / F
- 6 Transportation is chosen according to time, distance and the product. T / F

LESSON 5**WRITING****3**

Read the text in Exercise 1 again. Check what you can find:

- There's a topic sentence.
- The introductory sentence shows the topic's idea.
- There are words/transitions to link the ideas.
- The introduction is developed by giving more details.
- The conclusion sentence gives a summary of the topic.

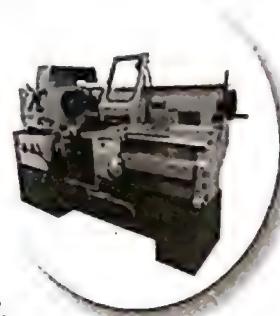
4

Write a text about the following question. Use the text in Exercise 1 as a guide

Discuss the best ways to transport machinery, dried food, fresh food and clothes from Egypt to Greece.

Think about:

- What forms of transportation are possible between Egypt and Greece?
- How far do the goods need to travel?
- What are each of the goods made of?
- How quickly do the goods need to travel?
- How heavy are the goods?



1  Imagine you are going to start a new business. Discuss these questions with a partner

- 1 What will your business be?
- 2 Will you sell a product or will you offer services?
- 3 Where will you sell your products or services?

2  Now complete the table

What is the name of your business?	
What is your product or service?	
Why do people need it?	
Will you have goods or services to sell?	
Will you need to transport your goods?	
What kind of transportation will you use?	
Will you need an office, a factory or another kind of building?	

3  Use your notes from Exercise 2 to write a short business plan

UNIT REVIEW**1** Write the different kinds of transportation

1 rila



2 eppi



3 dora



4 tewra



5 ria

**2** Read and write will or won't

1 There _____ be self-driving cars in the future.

2 _____ people live on the Moon one day?

3 We _____ use fossil fuels in the future. We _____ only use renewable energy.

4 Robots _____ fly airplanes, freight trains and trucks in the future.

5 _____ astronauts travel to Mars one day?

6 Children _____ read paper books. They _____ read electronic books.

**3** Mazen's dad wants to help him create a strong password sentence. Add the correct punctuation marks to his instructions

- think of a sentence that means something to you
- use the first letter of each word
- add numbers symbols and characters you can remember
- don't tell your friends about your sentence password

**4** Check the things to do when you use online search engines

1 Use the safe search option in the browser.

2 Click on ads.

3 Add the words 'for kids' to your search.

4 Use specific words for your search.

5 Click on the word 'sponsor'.

6 Read the options in the search box carefully.

7 Choose the best option for you.

REVIEW 2

LESSON 1



1 Read and complete

- 1 This busy m _____ p _____ n area is densely populated.
- 2 There are a lot of p _____ t _____ s trying to cross the road.
- 3 Amir lives in an isolated v _____ l _____ e in a r _____ l part of the country.
- 4 Cairo is the capital c _____ y of Egypt.



2 Read, match, and write the natural resources

- a We drink this and wash with it.
- b We grow fruit and vegetables in this.
- c Our knives, forks, and spoons are made from this.
- d This grows in forests and we use it to make furniture.
- e Water bottles, straws, and toys are made from this.
- f We use this to build houses and other buildings.



1 _____



2 water a



3 _____



4 _____



5 _____



6 _____



3 Reorder the letters and write the words

tarwe eppi liar dora

- 1 We can transport water, natural gas or oil through a _____.
- 2 Cars and trucks carry goods by _____.
- 3 Ancient Egyptians used boats to transport goods by _____.
- 4 We can sent goods by _____ on the new electric train.

LESSON 1



5 Complete the sentences

coal natural gas petroleum solar power tidal power wind power



1 _____ uses energy from the sea to make electricity.



2 _____ is a dark rock that we take from mines deep inside the Earth.



3 Electricity from _____ is cheap, but you can't make it on a rainy day.

4 Crude oil is processed into _____ and we use it in our cars and buses.



5 _____ uses energy from the wind to make electricity.

6 We take _____ from inside the Earth and send it to some of our homes for cooking.



6 Read and write R (Renewable) or NR (Non-renewable)

1 tidal power _____

2 coal _____

3 solar power _____

4 wave power _____

5 crude oil _____

6 petroleum _____

7 wind power _____

8 natural gas _____



7 Read and circle the correct words

When we change one kind of energy into another kind of energy it is called 1 wind power / transfer of energy. Solar panels collect sunlight. The solar panels turn the 2 turbine / solar energy into 3 electrical / potential energy. When you use this energy to turn on a light, it becomes 4 kinetic / mechanical energy.



LESSON 2

1



Complete the table

Singular	Plural
1	geese
person	2
tomato	3
4	women
baby	5
date	6
7	buffaloes
man	8
9	donkeys
child	10

2



Circle the correct words

- 1 I'll take you to the park **as soon as** / **though** I've finished this.
- 2 You have to cook the egg **after** / **before** you eat it.
- 3 **Every time** / **While** we see our teacher, we feel happy.
- 4 Dina brought her phone **so that** / **although** she could take some photos.
- 5 She wants to buy a carpet **so that** / **while** she can use it in her bedroom.
- 6 We ate sandwiches **even though** / **while** we watched the football match.

3



Complete the table with the third person singular form of the verbs in the table

catch cry drink finish fly go look study take

+s	+es	+ies

LESSON 2



4 Read and complete with *his, her or their*

- 1 Mr Ahmed drives _____ car to work every day.
- 2 Everyone in the class did well in _____ exams.
- 3 Layla bought _____ mother a present.
- 4 Someone at school left _____ schoolbag in the park.
- 5 Ms Heba invited _____ friends to lunch.
- 6 Amir texted _____ sister after class.



5 Read and complete with *will or won't*

In the future ...

- 1 most families _____ have a robot assistant at home.
- 2 we _____ burn fossil fuels.
- 3 _____ every building and factory have solar panels?
- 4 we _____ use petroleum in cars.
- 5 we _____ plant more trees and look after the environment.
- 6 _____ people start taking holidays in space?



6 Read the conversation and write the correct punctuation

Layla: Have you ever seen a robot

Judy: No I haven't but I would love to see one

Layla: Do you want to be a robotics engineer one day

Judy: Yes. That would be great



7 Read and do the calculations

- 1 Mr Hassan has 23 chickens. Each chicken has 7 baby chicks. How many chicks has he got? _____
- 2 Fares has a pizza. He gives $\frac{1}{4}$ to Walid, $\frac{1}{4}$ to his brother, and $\frac{1}{4}$ to Amir. How much pizza does he have left? _____

PRESENTATION

WEAVE A CARPET

1



Check (✓) the items you will need



cardboard



scissors



pens



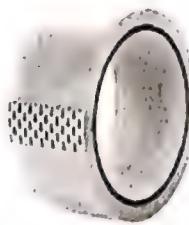
string



glue



yarn



tape



straws

2



Read and complete

cut loom warp weave yarn

1 First, use the cardboard to make a _____.

2 Then, use the string to make a _____.

3 Next, choose your colored _____.

4 Then, _____ the yarn through the warp on the loom.

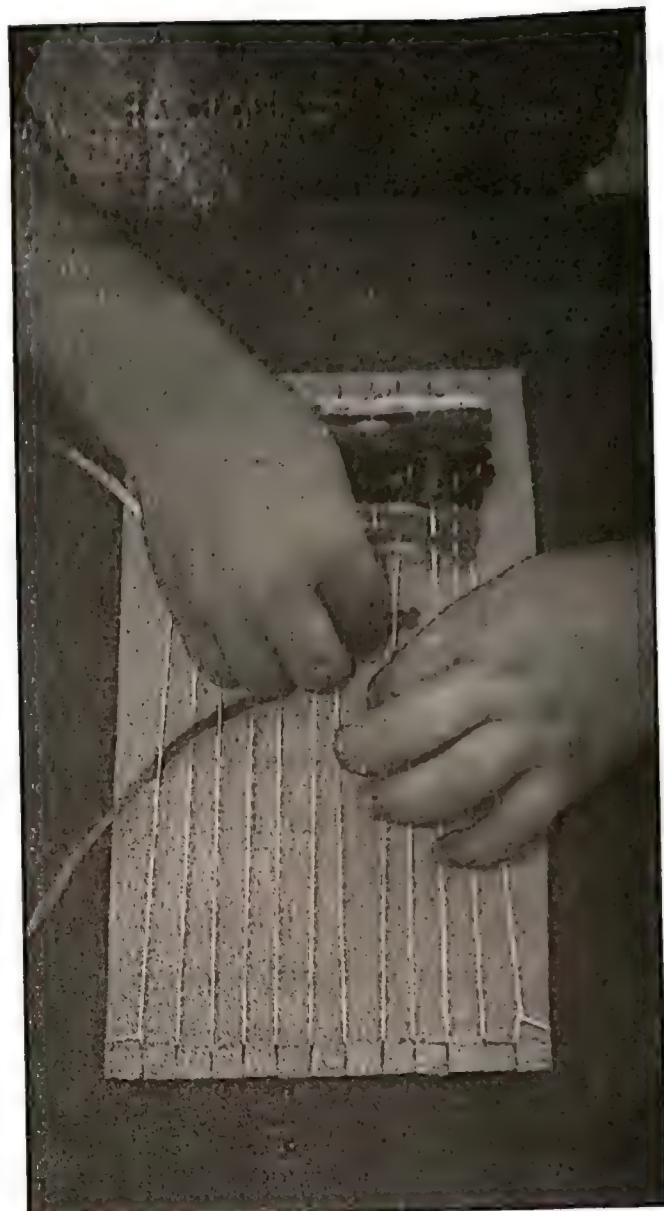
5 Finally, _____ the warp off the loom.

PRESENTATION



3 Read and number in order

- a Repeat. Continue bringing the string through the front and back of the loom to make the warp.
- b Cut one meter of colored yarn. Take one end of the yarn under the first warp thread and over the next warp thread. Continue in the same way across the loom.
- c Tape one end of the string to the back of the card. Bring the string through the first cut to the front. Take the string to the bottom and through the first cut to the back.
- d Finally, cut the warp off the loom. Tie each warp string to the next string to finish your carpet.
- e 1 Make the loom. Use the scissors to make a row of small cuts at both ends of the cardboard. The cuts can be 1 cm apart.
- f When you finish weaving this piece of yarn, choose another piece of yarn.
- g When you finish the warp, tape the string to the back of the cardboard.



4 Work in groups. Present the carpet you made to the group

- 1 Show your carpet to the group.
- 2 Describe the colors.
- 3 Explain how you made it.
- 4 Answer any questions.

PROJECT

FUTURE JOBS

1 Read the list of jobs. Use the internet or a dictionary to check their meaning

robotics engineer VR developer website developer
solar energy technician mechanical engineer wind energy technician
software developer accountant medical technician drone pilot

2  Read the questions and answers. Which job from Exercise 1 do they describe?

1 What industry is this job in?

renewable energy

2 What does this person do?

repairs and installs wind turbines

3 What skills do you need to do this job?

engineering, technology, computer operating systems, math, problem solving, teamwork

4 Where will you work?

remote rural environments, at sea

5 What qualifications will you need?

university or college course, or apply direct for training

6 How does this job help people?

supports renewable energy which helps protect the environment

3  Use the answers in Exercise 2 to help you write a short description of the job

4  Work in pairs. Take turns to read your partner's description. Give feedback and help each other with spelling and correcting mistakes

PROJECT



5 What is important when you work in a group? Read and number in order of importance, with 1 being the most important.

When working in a group, remember to ...

- a be responsible
- b communicate clearly
- c solve problems
- d have a positive attitude
- e be supportive
- f admit when you are wrong
- g show respect to other people
- h be flexible

<input type="text"/>



6 Now, prepare a presentation. Choose two jobs from Exercise 1. Do some research to find out more information. Use the questions in Exercise 2 to help structure your presentation



7 Give your presentation to another group. Remember these things.

- Stand up to give your presentation.
- Speak clearly.
- Look at the people you are talking to during the presentation.
- Say thank you and sit down at the end.



KHAYAMEYA SUMMER

CHARACTERS IN THE STORY

1 Do the crossword. Write the names



2 Read and write the names

Zeinab Mom Rasha Grandpa

1

Yes, he's
sad at the
moment.

140

2

My eyes
are not very
good now.

3

You make
such beautiful
things!

4

My father
taught me to
sew.

→ → → → → → → →

5

We like learning new things.

6

What a
wonderful
summer holiday!

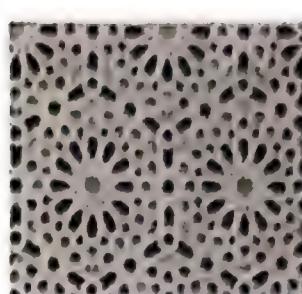
82

WORDS IN THE STORY

3



Read and complete



1 This woman is learning how to s _____ w.

2 He's making a s _____ h with a needle and some cotton.

3 These tiles make a pretty g _____ c p _____ n.



4 This cake has three l _____ s of cake and cream.

5 Youssef is a skilled a _____ n.

6 What color are these beautiful l _____ s f _____ s?

4



Read and complete. Use the correct form of the words in Exercise 3

1 The pattern on this shirt is made of very small _____.

2 There are lots of beautiful _____ inside the mosque.

3 My parents bought a portrait from an _____ in the market.

4 Can you see the pink _____ on the river?

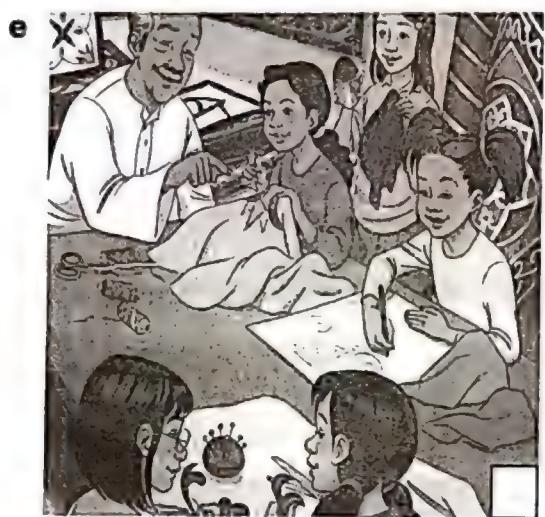
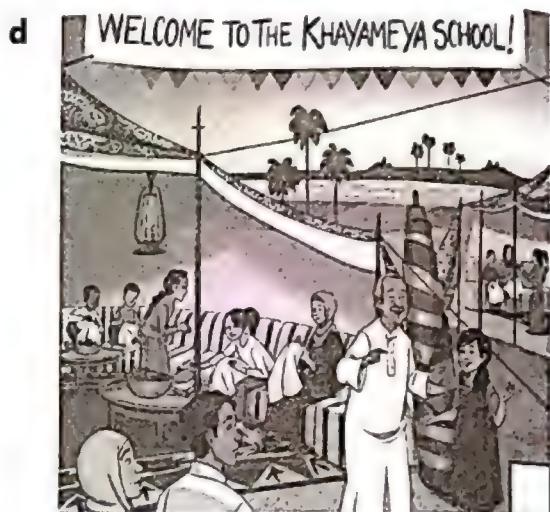
5 There's a _____ of jam in the middle of this cake.

6 Grandma likes to _____ flowers on her granddaughter's dresses.



EVENTS IN THE STORY

1 Look and number



2



What is happening in each picture? Point and say

EVENTS IN THE STORY

3



Read and circle



- 1 Zeinab wanted to visit her **Grandpa**/ Grandma.
- 2 Grandpa was one of the best teachers / artisans in Khayameya Street.
- 3 Grandpa took Zeinab to the market / shop and showed her his work.
- 4 Grandpa tells Zeinab that his eyes / hands are not good now.
- 5 Grandpa agrees to teach Zeinab how to sing / sew.
- 6 Zeinab invites her four friends / cousins to join them.
- 7 Soon Grandpa is teaching lots of / a few children how to sew.
- 8 Grandpa and Zeinab will teach people sewing at the Khayameya shop / school.

4



Read and write yes or no

- 1 Zeinab traveled to her grandparent's house by bus. no
- 2 Grandpa is sad because his eyes aren't good now.
- 3 Grandpa's grandfather taught him how to sew when he was a child.
- 4 Zeinab's friend Lobna likes inventing things.
- 5 People came to watch Grandpa and the children sewing.
- 6 The Khayameya School is going to travel around the world.

EVENTS IN THE STORY



1 Look, read, and order



1 her / visiting / grandpa / Zeinab / mom / and / are / Zeinab's
Zeinab and her mom are visiting
Zeinab's grandpa.



2 his / designs / Zeinab / Grandpa / favorite / shows



3 about / like to / khayameya / friends / would / Zeinab's / learn



4 a / teaches / pattern / the girls / how / Grandpa / make / to



5 learn / people / want / khayameya / lots / to / about / of

6 Tanta and Marsa Matrouh / going / school / to / Khayameya / the / to Ismailia / go / is

THE STORY

2 Read and complete

artist clever flowers fun learn stitches teach

- 1 'I love this big picture with all the flowers!'
- 2 'It's made of thousands and thousands of small _____.'
- 3 'I can teach you. Do you want to _____?'
- 4 'I think you are an engineer, an _____ and good at math.'
- 5 'That looks _____. Can we try?'
- 6 'Zeinab you have such _____ friends!'
- 7 'People in many places all around Egypt want you to _____ them.'

3 Read and match

- 1 Why is Grandpa sad now?
- 2 How long did Grandpa take to make the big picture with flowers?
- 3 What were Grandpa's favorite designs?
- 4 What did Grandpa want to be when he was a child?
- 5 What does Grandpa think about the Khayameya School?

- a Lotus flowers, birds and geometric patterns.
- b He's excited about it.
- c An engineer or a teacher.
- d He can't see well.
- e Four months.



4 Read and choose a or b

- 1 Why did Zeinab want to visit Grandpa?
a She was worried about him. b She was bored.
- 2 Why does Grandpa think he will have to stop making things?
a He can't see to sew. b He is bored with sewing.
- 3 How did Grandpa make the big picture with the flowers?
a He made hundreds of very big stitches. b He measured it and cut the pieces by hand.
- 4 Who taught Grandpa's father to sew?
a His grandmother. b His grandfather.
- 5 Why did people start watching Grandpa and Zeinab's friends sewing?
a They wanted to learn how to do khayameya. b They wanted to buy some khayameya.

THE STORY

1 Look, read and circle T (True) or F (False)



1 Mom invited Grandpa to visit them. T / F



3 Grandpa's father was an engineer. T / F



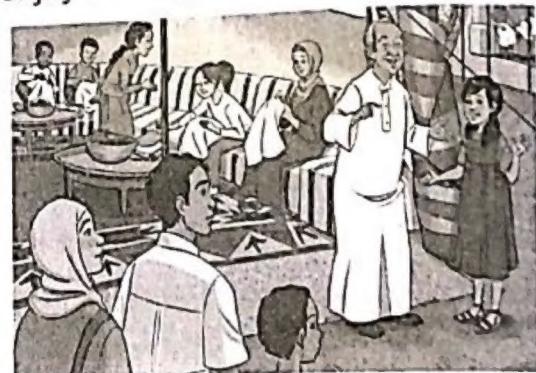
5 There are four layers of cotton in a khayameya design. T / F



2 Zeinab doesn't want Grandpa to stop making things. T / F



4 Zeinab's friends are clever and enjoy making things. T / F



6 Grandpa is going to go to Ismailiah for a holiday. T / F

2 Correct the false sentences

1 Mom and Zeinab went to visit Grandpa.

THE STORY

3



Read and complete

are learning happy khayameya
patterns sad sew teacher will take

Dear Mom and Dad

I'm having a lovely time with Zeinab. We ¹ are learning how to do ² _____. It's fun! Engy is showing us how to ³ _____. Lobna has some good ideas for ⁴ _____. And Zeinab's grandpa is a great ⁵ _____. Soon, we ⁶ _____ the Khayameya School to Ismaila. Zeinab's grandpa was ⁷ _____ but now he's very ⁸ _____.

See you soon

Love,

Doha

4



Draw and write. Design your own khayameya pattern.
Write a description of your pattern

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